ABSTRACT OF THE DISCLOSURE

Computer login may comprise any user-determined submission. A user may select among different devices for input, select the signal content, and as well select the types of signals used for a login signature. Account identification may be inferred by signature rather than explicitly stated. A plurality of discontiguous data blocks in a plurality of files may be employed for validation. The paths to data used in validation may be multifarious, regardless of the prospects for successful authorization.